

# HP Color LaserJet 9500 series



Produce short runs of impressive promotional documents, from booklets to A3 posters in no time. Superior image quality, vivid, consistent colours and gloss on a variety of media, will get your business noticed.



HP Color LaserJet 9500n printer

**Ideal for small businesses or customer-facing parts of big companies who need to publish a wide range of promotional documents, giving them more control over content, printing time and cost. Also designed to meet the colour printing needs of general office users in large enterprises, for department use to enhance their internal communications, or small workgroups printing high volumes.**

**Expect exceptional results enabling you to promote your business with high value colour documents.**

- Achieve commercial press print quality with superior image detail from 600 dpi, Imageret 4800 and 8-bit contone.
- HP's proprietary technologies: adaptive halftoning, Smart Edge enhancements and automatic trapping deliver exceptional print quality with sharp, accurate text and lines.
- Professional colour management through the HP Spectro-photometer<sup>1</sup> with ICC profiling software for CRT and LCD monitors, as well as CMYK printers.



HP Color LaserJet 9500hdn printer

**Documents that are always ready when you are.**

- Maximise your print speed up to 24 ppm (A4) in colour and monochrome while in best print mode even with large and complex colour files or in duplex mode with a 500 MHz processor and 512 MB RAM.
- Versatile media handling with support for heavy media up to 200 g/m<sup>2</sup> from standard trays and duplexer (up to 220 g/m<sup>2</sup> from multipurpose tray). Advanced in-line document finishing enables you to create folded and saddle-stitched brochures at the touch of a button<sup>2</sup>.

**Manage your business, not your printer and keep your printing costs down!**

- Robust HP LaserJet reliability ensures trouble-free performance even with heavy usage.
- Separate, easy-to-install high yield 25,000-page cartridges and 40,000-page image drum reduce intervention.
- An HP Embedded Web Server provides full control to configure device settings and e-mail alerts, monitor printer and supplies status and manage the printer remotely.
- Print high volumes reliably with a large 200,000 page-per-month duty cycle.
- Enjoy a low cost-per-page for colour intensive documents.



HP Color LaserJet 9500gp printer

<sup>1</sup> Standard with HP Color LaserJet 9500gp only. Powered by GretagMacbeth technology.

<sup>2</sup> Optional with HP Color LaserJet 9500hdn.



HP Color LaserJet 9500hdn printer with optional multifunction finisher

## Technical specifications

| <b>Print speed</b>                              | Black/colour A4: up to 24 ppm<br>Black/colour A3: up to 12 ppm<br>First page out: 17.5 secs from "Ready"<br>Warm up time: "Powersave": 3.5 minutes (idle for more than one hour), 2.5 minutes (idle for less than one hour), "Blue Angel" mode and "Cold start": 5.6 minutes.<br><br>Exact speed varies depending on the system configuration, software application, driver and document complexity.  |                            |   |        |      |        |  |                            |   |          |            |                            |                              |         |              |                            |                              |
|---|---|----------------------------|---|--------|------|--------|--|----------------------------|---|----------|------------|----------------------------|------------------------------|---------|--------------|----------------------------|------------------------------|
| <b>Processor</b>                                | 500 MHz; RM7000B-500 Symmetric Superscalar MIPS microprocessor from PMC-Sierra capable of doubling number of instructions per one clock cycle   |                            |   |        |      |        |  |                            |   |          |            |                            |                              |         |              |                            |                              |
| <b>Memory</b>                                   | Standard: HP Color LaserJet 9500n printer: 512 MB; HP Color LaserJet 9500hdn/gp printers: 512 MB and HP 40 GB EIO hard disk. Using Memory Enhancement technology (MEI).   |                            |   |        |      |        |  |                            |   |          |            |                            |                              |         |              |                            |                              |
| <b>Print technology</b>                         | In-line colour laser printing technology  |                            |   |        |      |        |  |                            |   |          |            |                            |                              |         |              |                            |                              |
| <b>Print resolution</b>                         | 600 dpi with Imageret 4800, supports colour management systems based on ICC profiles: Apple ColorSync, Microsoft® ICM, Adobe®, Corel®, Quark, and others, PANTONE® CALIBRATED for PANTONE PMS support; supports SWOP, Euro, and DIC press emulations  |                            |   |        |      |        |  |                            |   |          |            |                            |                              |         |              |                            |                              |
| <b>Languages</b>                                | PostScript® 3™ emulation, PCL 5c, PCL 6, direct PDF   |                            |   |        |      |        |  |                            |   |          |            |                            |                              |         |              |                            |                              |
| <b>Typefaces/fonts</b>                          | 80 TrueType™ internal scalable in PCL, 80 TrueType internal scalable in PostScript®; Euro symbol supported (€)  |                            |   |        |      |        |  |                            |   |          |            |                            |                              |         |              |                            |                              |
| <b>Print margins (mm)</b>                       | A3/A4: top: 4.23 mm; left: 4.23 mm; right: 4.23 mm; bottom: 4.23 mm.  |                            |   |        |      |        |  |                            |   |          |            |                            |                              |         |              |                            |                              |
| <b>Duty cycle</b>                               | Up to 200,000 pages per month   |                            |   |        |      |        |  |                            |   |          |            |                            |                              |         |              |                            |                              |
| <b>Media handling</b>                           | <table border="1"> <thead> <tr> <th>Input:</th> <th>Capacity</th> <th>Weight</th> <th>Size</th> </tr> </thead> <tbody> <tr> <td>Tray 1</td> <td>100 sheets, 50 transparencies up to 10 envelopes</td> <td>64 to 220 g/m<sup>2</sup></td> <td>98 x 191 mm to 306 x 470 mm, A3, A4, JIS B5, A5, C5/B5/DL envelopes (maximum printable area 297 x 461 mm)</td> </tr> <tr> <td>Tray 2/3</td> <td>500 sheets</td> <td>64 to 200 g/m<sup>2</sup></td> <td>148 x 210 mm to 297 x 432 mm</td> </tr> <tr> <td>Tray 4*</td> <td>2,000 sheets</td> <td>64 to 200 g/m<sup>2</sup></td> <td>182 x 210 mm to 297 x 432 mm</td> </tr> </tbody> </table> <p><b>Output:</b> Standard: Top bin (face down) with up to 500 sheet capacity, left bin (face up - reverse order) with up to 100 sheet capacity; optional: 3000 sheet stacking (face down), 125 sheet (face up) with 3000-sheet stacker or stapler/stacker*<br/><b>Duplex printing:</b> Two sided printing capability: HP Color LaserJet 9500n printer/gp printer: Automatic (optional with purchase of a duplex printing accessory), HP Color LaserJet 9500hdn/gp printer: Automatic (standard).<br/>*HP Color LaserJet 9500hdn printer only.</p> | Input:                     | Capacity  | Weight | Size | Tray 1 | 100 sheets, 50 transparencies up to 10 envelopes | 64 to 220 g/m <sup>2</sup> | 98 x 191 mm to 306 x 470 mm, A3, A4, JIS B5, A5, C5/B5/DL envelopes (maximum printable area 297 x 461 mm) | Tray 2/3 | 500 sheets | 64 to 200 g/m <sup>2</sup> | 148 x 210 mm to 297 x 432 mm | Tray 4* | 2,000 sheets | 64 to 200 g/m <sup>2</sup> | 182 x 210 mm to 297 x 432 mm |
| Input:  | Capacity  | Weight                     | Size  |        |      |        |  |                            |   |          |            |                            |                              |         |              |                            |                              |
| Tray 1  | 100 sheets, 50 transparencies up to 10 envelopes  | 64 to 220 g/m <sup>2</sup> | 98 x 191 mm to 306 x 470 mm, A3, A4, JIS B5, A5, C5/B5/DL envelopes (maximum printable area 297 x 461 mm) |        |      |        |  |                            |   |          |            |                            |                              |         |              |                            |                              |
| Tray 2/3  | 500 sheets  | 64 to 200 g/m <sup>2</sup> | 148 x 210 mm to 297 x 432 mm  |        |      |        |  |                            |   |          |            |                            |                              |         |              |                            |                              |
| Tray 4*   | 2,000 sheets  | 64 to 200 g/m <sup>2</sup> | 182 x 210 mm to 297 x 432 mm  |        |      |        |  |                            |   |          |            |                            |                              |         |              |                            |                              |
| <b>Interface and connectivity compatibility</b> | Standard: HP Color LaserJet 9500n printer: IEEE 1284-compliant bi-directional parallel port (with C-type connector), HP Jetdirect 615n Fast Ethernet (10/100Base-TX) internal network print server in EIO slot, 2 open EIO slots<br>HP Color LaserJet 9500hdn printer: IEEE 1284-compliant bi-directional parallel port (with C-type connector), HP Jetdirect 615n Fast Ethernet (10/100Base-TX) internal network print server in EIO slot, 10 GB hard disk in EIO slot, 1 open EIO slot.<br>Optional: HP Fast Infrared (FIR) enabled via FIR pod, HP Jetdirect EIO print servers (including 802.11b wireless, Ethernet, Token Ring, Fast Ethernet 10/100TX, LocalTalk, Serial & USB). For more information, refer to <a href="http://www.hp.com/go/jetdirect">http://www.hp.com/go/jetdirect</a>   |                            |   |        |      |        |  |                            |   |          |            |                            |                              |         |              |                            |                              |
| <b>Operating systems compatibility</b>          | Drivers included: Drivers included: PCL 5c, PCL 6 drivers for Microsoft® Windows® 98, Me, NT 4.0, 2000, XP; PostScript® 3™ emulation driver for Microsoft Windows 95, 98, Me, NT 4.0, 2000, XP, Mac OS 8.6 and higher. Driver download: OS/2, UNIX®, Linux; basic printing support for DOS. Current drivers and software are available from the internet.   |                            |   |        |      |        |  |                            |   |          |            |                            |                              |         |              |                            |                              |
| <b>Network operating systems</b>                | Supported: Via HP Jetdirect print servers: Microsoft® Windows® 98, Me, NT 4.0, 2000, XP, XP 64-bit, Novell™ NetWare 3.2, 4.2, 5.x, 6, Red Hat Linux 6.x and later, SuSE Linux 6.x and later, HP-UX 10.20, 11.x, Solaris™ 2.5x, 2.6, 7, 8, (SPARC systems only), IBM AIX 3.2.5 and later, MPE-iX, Mac OS 8.6 and later.<br>Compatible network protocols*: TCP/IP, IPX/SPX, AppleTalk (not supported on Token Ring print servers), DLC/LLC, IP Direct Mode, LPD, FTP Printing, IPP, NDS, Bindery, NCP, NDPS, iPrint, Telnet, SLP, IGMP, BOOTP/DHCP, WINS, SNMP, HTTP. Advanced management security with: SNMP v3, SSL/TLS (HTTPS). Wireless networking security: 40/64- and 128-bit WEP encryption, 802.1x, authentication (EAP-PEAP, LEAP, EARTTLS, EAPTLS, EAP-MD5) with Radius servers for wireless products RADIUS (MD5 and TLS)<br>* Note: not all protocol and operating system combinations are supported. For more information, refer to <a href="http://www.hp.com/go/jetdirect">http://www.hp.com/go/jetdirect</a>  |                            |   |        |      |        |  |                            |   |          |            |                            |                              |         |              |                            |                              |
| <b>Minimum system requirements</b>              | Microsoft® Windows® 98: Pentium® 90 with 16 MB of RAM, Windows Me: Pentium 150 with 32 MB of RAM, Windows NT® 4.0: Pentium 90 with 32 MB of RAM, Windows 2000: 300 MHz Processor with 64 MB of RAM, Windows XP: 233 MHz Processor with 64 MB of RAM, 180 MB free hard disk space for Windows; 160 MB for Mac, Mac OS 8.6, 9.0, 9.0.4, 9.1, 9.2, 10.1, CD-ROM drive or Internet connection, dedicated IEEE 1284 parallel port.   |                            |   |        |      |        |  |                            |   |          |            |                            |                              |         |              |                            |                              |
| <b>Control panel</b>                            | LCD backlit panel display with up to 4 lines of text and animated printer graphics, 3 LED status lights   |                            |   |        |      |        |  |                            |   |          |            |                            |                              |         |              |                            |                              |
| <b>Power consumption</b>                        | < 2 watts (off), 173 watts maximum (standby), 741 watts maximum (printing)  |                            |   |        |      |        |  |                            |   |          |            |                            |                              |         |              |                            |                              |
| <b>Power requirements</b>                       | Input voltage 110 to 127 VAC (± 10 %), 50/60 Hz (± 2 Hz), 15 amps; 220 to 240 VAC (± 10 %), 50/60 Hz (± 2 Hz), 10 amps.   |                            |   |        |      |        |  |                            |   |          |            |                            |                              |         |              |                            |                              |
| <b>Dimensions (w x d x h)</b>                   | Out of package: HP Color LaserJet 9500n printer: 682 x 767 x 887 mm; HP Color LaserJet 9500hdn/gp printers: 682 x 767 x 1212 mm. Packaged: HP Color LaserJet 9500n printer: 1200 x 1022 x 1313 mm; HP Color LaserJet 9500hdn/gp printers: 1200 x 1022 x 1488 mm.  |                            |   |        |      |        |  |                            |   |          |            |                            |                              |         |              |                            |                              |
| <b>Product weight</b>                           | Packaged: HP Color LaserJet 9500n printer: 174.27 kg; HP Color LaserJet 9500hdn printer: 198.32 kg. HP LaserJet 9500gp printer: 200.25kg.   |                            |   |        |      |        |  |                            |   |          |            |                            |                              |         |              |                            |                              |
| <b>Printer management</b>                       | HP Web Jetadmin, HP LaserJet Utility for Mac, Embedded Web Server, Printer Status and Alerts  |                            |   |        |      |        |  |                            |   |          |            |                            |                              |         |              |                            |                              |
| <b>Operating environment</b>                    | Environmental ranges: Operating temperature: 10 to 30° C. Operating humidity: 10 to 80% RH. Recommended operating humidity: 20 to 50% RH. Recommended operating temperature: 20 to 26° C. Storage temperature: 0 to 35° C. Storage humidity: 5 to 95% RH. Noise level per ISO 9296: Sound power: LwAd: 6.7 B(A) printing, 5.5 B(A) powersave. Sound pressure LpAm: 52 dB(A) printing, 39 dB(A) powersave.   |                            |   |        |      |        |  |                            |   |          |            |                            |                              |         |              |                            |                              |
| <b>Energy Star®</b>                             | Yes   |                            |   |        |      |        |  |                            |   |          |            |                            |                              |         |              |                            |                              |
| <b>Certifications</b>                           | Regulatory standards: Czech Republic (CSN-IEC 60950-IEC 60825-1), Estonia (EEI-EN 60950-IEC 60825-1), EU (CE Mark-Low Voltage Directive 73/23/EEC), Germany (TÜV-EN 60950-IEC 60825-1), Hungary (MEEI- IEC 60950-IEC 60825-1), Lithuania (LS-IEC 60950-IEC 60825-1), Poland (B Mark- IEC 60950-IEC 60825-1), (Russia (GOST-R50377), Slovakia (IEC 60950-IEC 60825-1), Slovenia (SQ-IEC 60950-EN 60825-1), South Africa (IEC 60950-IEC 60825-1), Class 1 Laser/LED Product   |                            |   |        |      |        |  |                            |   |          |            |                            |                              |         |              |                            |                              |
| <b>Warranty</b>                                 | 1 year on-site warranty. Optional HP Care Pack services   |                            |   |        |      |        |  |                            |   |          |            |                            |                              |         |              |                            |                              |

## Ordering information

|               |  |
|---------------|--|
| <b>C8546A</b> | HP Color LaserJet 9500n printer includes: HP Jetdirect 615n (EIO) 10/100Base-T print server, tray 1: 100-sheet multipurpose tray; tray 2/3: 2 x 500-sheet input trays, 160 MB memory   |
| <b>C8547A</b> | HP Color LaserJet 9500hdn printer as above plus: automatic duplex unit (installed), tray 4: 2000-sheet paper feeder, additional 128 MB memory (installed), 10 GB hard disk (installed) |
| <b>C6466A</b> | HP Color LaserJet 9500gp printer, as above plus: HP Spectro-photometer with ICC profiling software   |

### Accessories

|               |   |
|---------------|---|
| <b>C9674A</b> | Duplex printing accessory               |
| <b>J6073G</b> | HP EIO hard disk, 40GB                  |
| <b>C4103A</b> | HP Fast Infrared (FIR) pod              |
| <b>C8088A</b> | Multifunction finisher                  |
| <b>C8084A</b> | 3000-sheet stacker <sup>1</sup>         |
| <b>C8085A</b> | 3000-sheet stapler/stacker <sup>1</sup> |

### Connectivity

|               |  |
|---------------|--|
| <b>J7934G</b> | HP Jetdirect 620n Fast Ethernet EIO Internal Print Server (10/100tx) |
| <b>J7961G</b> | HP Jetdirect 635n IPv6/IPsec Print Server                            |
| <b>J7960G</b> | HP Jetdirect 625n Gigabit EIO Internal Print Server (10/100/1000tx)  |

### Cables

|               |   |
|---------------|---|
| <b>C2946A</b> | HP IEEE 1284-compliant bi-directional parallel cable (C-type) connector |
|---------------|---|

### Supplies

|               |   |
|---------------|---|
| <b>C8550A</b> | HP Color LaserJet smart print cartridge, black <sup>2</sup>   |
| <b>C8551A</b> | HP Color LaserJet smart print cartridge, cyan <sup>2</sup>    |
| <b>C8552A</b> | HP Color LaserJet smart print cartridge, yellow <sup>2</sup>  |
| <b>C8553A</b> | HP Color LaserJet smart print cartridge, magenta <sup>2</sup> |
| <b>C8560A</b> | HP black image drum <sup>3</sup>                              |
| <b>C8561A</b> | HP cyan image drum <sup>3</sup>                               |
| <b>C8562A</b> | HP yellow image drum <sup>3</sup>                             |
| <b>C8563A</b> | HP magenta image drum <sup>3</sup>                            |
| <b>C8554A</b> | HP image cleaning kit (up to 50,000 pages)                    |
| <b>C8555A</b> | HP image transfer kit (up to 200,000 pages)                   |
| <b>C8556A</b> | HP image fuser kit, 110 and 220 volt (up to 100,000 pages)    |

### Service & support

|                 |  |
|-----------------|--|
| <b>U6487A/E</b> | Next business day on-site response, 3 years                        |
| <b>U6488A/E</b> | Same business day on-site response within 4 hours of call, 3 years |
| <b>H2872A/E</b> | Installation & network configuration for 1 network printer         |

<sup>1</sup> HP Color LaserJet 9500 hdn/gp only

<sup>2</sup> Up to 25,000 pages, based on 5% coverage

<sup>3</sup> up to 40,000 pages

<http://www.hp.com/uk/colour> <http://www.hp.com>

